

OCEANO COUNTY AIRPORT DRAINAGE STUDY AND ENVIRONMENTAL DOCUMENTATION

INTRODUCTION

This scope of work is divided into three main sections. The first section includes the tasks to be completed on the Drainage Study. The second section includes the tasks associated with updating the Airport Layout Plan (ALP). The third section includes the tasks associated with the preparation of environmental documentation.

SECTION A – DRAINAGE STUDY

TASK 1: RESEARCH AND DATA COLLECTION

Task 1.1: Conduct Research and Data Collection on Drainage System

RS&H will acquire all relevant and current drainage studies and design documentation that have been completed in reference to the proposed drainage improvements in the vicinity of Oceano County Airport (L52). Research will include discussions with County staff to acquire the necessary documentation. RS&H will identify any missing information that will be required in order to complete the drainage study.

Task 1.2: Review Existing Drainage Model and Report

RS&H will review the current and relevant drainage models and reports for consistency, correctness, and applicability. As part of this task any comments or questions regarding the reports or models will be communicated to the County.

Task 1.3: Site Visit

After review of the existing information, RS&H will complete a field review to verify the drainage basin parameters, collection system size location, culvert / bridge sizes and locations, and any other modeling parameters included in the existing drainage studies.

TASK 2: ALTERNATIVES ANALYSIS

RS&H will provide an analysis of the proposed Highway 1 & 13th Street drainage improvement project along with items on the Airport Layout Drawing and Capital Improvement Program as they specifically relate to L52 and any potential FAA issues. The purpose of this task will be to avoid or minimize potential impacts to the environment, surrounding businesses or airport operation critical areas. As required to satisfy FAA requirements, a discussion of the alternatives will be presented to the County in the form of a technical memorandum with exhibits, as necessary, to convey the issues and proposed solutions. The County will coordinate, as necessary, with the California Department of Transportation (CalTrans) to discuss the preferred alternative and get concurrence from CalTrans on the alternatives review. Prior to proceeding with revisions to the drainage system, model and report, RS&H will obtain the approval of the County.

TASK 3: REVISE DRAINAGE MODEL

Task 3.1: Prepare Revised Drainage Model

RS&H will incorporate the HEC-RAS model for the Arroyo Grande Creek and Hydraulic and Hydrologic models for the collection system and associated sedimentation basin for the Highway 1 and 13th Street drainage improvement project into a specific Airport drainage model

Following review and verification of the existing information and modeling, RS&H will modify the Airport model, document and justify the final proposed drainage improvements in the vicinity of L52 and verify that the improvements meet FAA requirements. In addition to the Highway 1 & 13th Street project, the modeling will include all proposed improvements shown on the existing Airport Layout Plan (ALP) and Airport Capital Improvement Program.

Task 3.2: Provide Quality Control on Drainage Model

RS&H shall conduct in-house quality control review of the drainage model prior to submittal to the County. Additionally, RS&H shall submit and distribute three (3) sets of the model input and output reports to the County for review, comment, and approval prior to finalizing the model.

Task 3.3: Finalize Drainage Model

Following coordination with the County, RS&H will finalize the Airport drainage modeling with the chosen alternative and incorporate all comments and/or questions regarding the modeling approach, parameters or results. Three hard copies and one electronic copy of the model and results will be submitted with the drainage report for the County's use.

TASK 4: PREPARE DRAINAGE REPORT

Task 4.1: Prepare Drainage Report

Following our review and verification of the existing information and modeling, RS&H will prepare a drainage report that will document and justify the final proposed drainage improvements in the vicinity of L52.

Task 4.2: Provide Quality Control on Drainage Report

RS&H shall conduct in-house quality control review of the drainage report prior to submittal to the County. Additionally, RS&H shall submit and distribute three (3) sets of the report to the County for review, comment, and approval prior to finalizing.

Task 4.3: Finalize Drainage Report

Following coordination with the County, RS&H will finalize the report with chosen alternative and incorporate all comments and/or questions regarding the modeling approach, parameters or results. Three hard copies and one electronic copy of the report will be submitted for the County's use.

SECTION B – UPDATE AIRPORT LAYOUT PLAN (ALP)

TASK 5: PREPARE UPDATED ALP

Task 5.1: Prepare Pen and Ink Version of Updated ALP

On the basis of the Final Drainage Report, RS&H will prepare “pen and ink” changes to the ALP and submit the updated ALP to the FAA for review.

Task 5.2: Prepare New ALP (Optional)

If the FAA determines that a “pen and ink” version of the updated ALP is not acceptable, RS&H will obtain the CAD files from the County for use in preparing a revised ALP. RS&H will prepare a new ALP that includes the final drainage project and submit the new ALP to the FAA for review and approval.

SECTION C – PREPARE ENVIRONMENTAL DOCUMENTATION

TASK 6: STUDY DESIGN

It is the understanding of RS&H that the County will be preparing a Biological Assessment to address any impacts that the proposed action may have on species in Arroyo Grande Creek (i.e., California Red-legged Frog, of which there have been numerous confirmed sightings, and steelhead, of which the creek is designated as a critical habitat). The County will be responsible for obtaining a Biological Opinion from the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Services (NMFS). This will include applying for and obtaining the Section 404 permit from the U.S. Army Corps of Engineers and completing Section 7 consultation with USFWS and NMFS.

Under the assumption that the County will be responsible for the Section 404 permit and the Section 7 consultation, RS&H shall develop a scope of services for a Categorical Exclusion (CatEx) to ensure the CatEx complies with the requirements and guidelines of FAA Orders 1050.1E, *Environmental Impacts: Policies and Procedures* and 5050.4B, *NEPA Implementing Instructions for Airport Actions*. RS&H shall work with the FAA San Francisco ADO to identify the format for the CatEx.

TASK 7: DESCRIPTION OF THE PROPOSED ACTION

RS&H shall prepare a description of the airport sponsor's proposed action. This description shall include any graphics or tables that may aid RS&H's efforts to describe the proposed action. Based on this description, RS&H shall identify the paragraph(s) in Chapter 3 of FAA Order 1050.1E that most closely describes the proposed action as a categorically excluded action. RS&H will include that paragraph in the section of the CatEx documentation addressing the proposed action.

TASK 8: PREPARATION OF DRAFT CAT EX

In accordance with Section 304 of FAA Order 1050.1E, RS&H shall examine the proposed action and reasonable alternatives, if needed, relative to the “extraordinary circumstances” listed here:

- Historic, archeological, or cultural resources protected by Section 106 of the National Historic Preservation Act;
- Section 4(f) resources (i.e., parks, recreational areas; wildlife refuges; historic properties);
- Natural, ecological, or scenic resources including, wetlands, floodplains, prime or unique farmland, energy supply and natural resources, coastal zone areas, and wild and scenic rivers (based on information provided by the County with respect to wetlands and biological resources);

- Division or disruption of an established community
- Surface traffic congestion
- Noise
- Air quality
- Water quality
- Quality of life or other public or agency concerns that are likely to be highly controversial;
- Consistency with laws relative to environmental issues
- Cumulative impacts

To complete that examination, RS&H shall prepare a “draft CatEx”, based on a checklist from the FAA San Francisco ADO.

In completing Task 8, RS&H shall use the checklist to advise FAA and the County that the proposed action does not require further analysis under NEPA because the action:

- 1) does not involve any extraordinary circumstance; or
- 2) involves an extraordinary circumstance, but that involvement would not cause significant environmental effects.

If the proposed action would result in an extraordinary circumstance that would cause a significant environmental effect, RS&H will inform the County and a scope of work and cost estimate to prepare an Environmental Assessment in compliance with NEPA will be provided.

TASK 9: PREPARATION OF FINAL CAT EX

After FAA and the County review of the draft CatEx documentation resulting from Task 8, RS&H shall revise that documentation based on the reviewing parties’ comments. The sponsor will then submit a final Cat Ex to the FAA for acceptance. FAA’s acceptance of that submittal confirms the proposed action does not require further analysis under NEPA.

TASK 10: PROJECT MANAGEMENT

RS&H shall assure all analysis and documentation are completed by qualified individuals who fully understand the requirements of the Orders noted in Task 6.

TASK 11: COORDINATION WITH COUNTY ON NEGATIVE DECLARATION

On the basis of the Draft CatEx prepared for NEPA documentation, RS&H will coordinate with County staff to assist in the preparation of the Negative Declaration for compliance with the California Environmental Quality Act (CEQA). It is RS&H’s understanding that the County has started the preparation of CEQA documentation for the drainage project and

Exhibit C - RS&H Scope of Work

that the County will finalize the Negative Declaration. RS&H staff will be available to review the draft Negative Declaration and provide comments to the County to incorporate into the Negative Declaration for publication.